



Department of
**Geography and
Environment**



Grantham
Research Institute
on Climate Change
and the Environment

B Imperial College
Business School

Workshop in Environmental Economics London School of Economics

21-22 June 2021

Organisers: Eugenie Dugoua, Ralf Martin and Sefi Roth

The times shown below are in London time (GMT+1).

Monday 21 June

12:00-12:15 Welcome by Steve Gibbons (LSE) and Francisco Veloso (Imperial College)

12:15-13:45 **Session 1: Air Pollution**

Session Chair: Sefi Roth (LSE)

The Long-Run Spillover Effects of Pollution: How Exposure to Lead Affects Everyone in the Classroom

Ludovica GAZZE* (University of Warwick), Claudia Persico (American University) and Sandra Spirovska (University of Wisconsin - Madison)

The Grandkids Aren't Alright: The Intergenerational Effects of Prenatal Pollution Exposure

Jonathan Colmer* (University of Virginia) and John Voorheis (U.S. Census Bureau)

13:45-14:15 Coffee Break

14:15-15:45 **Session 2: Climate Change**

Session Chair: Ralf Martin (Imperial College and LSE)

Economic impacts of tipping points in the climate system

Simon Dietz* (LSE), James Rising (University of Delaware), Thomas Stoerk (LSE), Gernot Wagner (NYU)

Carbon taxation, recycling, and political support: Role of cross-price effects in labour supply

Frederick Van Der Ploeg* (University of Oxford) Armon Rezai (WU), Miguel Tovar (ESRI)

15:45-16:00 Coffee Break

- 16:00-17:00** **Keynote Lecture: James Stock** (Harvard)
- 17:00-17:15** Coffee Break
- 17:15-18:45** **Session 3: Environment and Development**
Session Chair: Eugenie Dugoua (LSE)
- Transmission Constraints and Electricity Trade in India**
 Fiona Burlig (University of Chicago), Akshaya Jha* (Carnegie Mellon University) and Louis Preonas (University of Maryland)
- The Social Costs of Keystone Species Collapse: Evidence From The Decline of Vultures in India**
 Eyal Frank* (University of Chicago) and Anant Sudarshan (University of Chicago)
- 18:45-19:00** Coffee Break
- 19:00-19:50** **Research Sketch for Early Career Researchers**
- Environmental Shocks and the Decision to Migrate** Timothy Foreman (King's College London)
- Paris Respire: Is pollution affecting your sleep?** Dheeya Rizmie (Imperial College)
- Adaptation and mitigation of air pollution: Evidence from air quality warnings** Sandra Aguilar-Gomez (Columbia University)
- Do carbon tariffs reduce greenhouse gas emissions? Evidence from trade tariffs** Vincent Thivierge (UCSB)
- Subsidies and trade wars: solar PV innovation in Europe and the impact of the “China Shock”** Pia Andres (LSE)
- 20:00** **Social Event (by invitation only)**

Tuesday 22 June

- 11:50-12:00** **Welcome back**
- 12:00-14:30** **Session 4: Policy, Regulation and Public Finance**
Session Chair: Sefi Roth (LSE)
- Policy Instrument Choice with Coasean Provision**
 Christopher Costello (UCSB) and Matthew Kotchen* (Yale)
- Regulating Untaxable Externalities: Are Vehicle Air Pollution Standards Effective and Efficient?**
 Arthur van Benthem* (University of Pennsylvania), Mark Jacobsen (UCSD), James Sallee (UC Berkeley) and Joseph Shapiro (UC Berkeley)
- 13:30-13:45** Coffee Break
- Local Public Finance Dynamics & Hurricane Shocks**
 Rhiannon Jerch* (Temple University), Matthew Kahn (Johns Hopkins University) & Chia Hua Lin (Ohio State University)

- 14:30-15:00** Coffee Break
- 15:00-16:00** **Keynote Lecture: Janet Currie (Princeton)**
Distributional Consequences of Environmental Policy
- 16:00-16:15** Coffee Break
- 16:15-19:45** **Session 4: Energy**
Session Chair: Eugenie Dugoua (LSE)
- Using Targeting to Optimize Program Design: Evidence from an Energy Conservation Experiment**
Todd Gerarden* (Cornell University) and Muxi Yang (Cornell University)
- Who Values Future Energy Savings? Evidence from American Drivers**
Arik Levinson (Georgetown University) and Lutz Sager* (Georgetown University)
- 18:45-19:00** Coffee Break
- Smart Tech, Dumb Humans: The Perils of Scaling Household Technologies**
Alec Brandon (Johns Hopkins University), Christopher Clapp* (University of Chicago), John A. List (University of Chicago), Robert Metcalfe (Boston University), Michael Price (Georgia State University)
- 19:45-20:00** Coffee Break
- 20:00-21:30** **Session 5: Environmental Migration**
Session Chair: Ralf Martin (Imperial College & LSE)
- The Productivity Consequences of Pollution-Induced Migration in China**
Gaurav Khanna (UCSD), Wenquan Liang (Jinan University), A. Mushfiq Mobarak (Yale) and Ran Song* (Yale-NUS College)
- Climate Variability and worldwide migration. Current Evidence and Future Projections**
Cristina Cattaneo* (RFF-CMCC & CMCC), Emanuele Massetti (Georgia Institute of Technology), Shouro Dasgupta (CMCC & EIEE), Fabio Farinosi (European Commission)
- 21:30-21:40** **Concluding remarks**

* Indicates the presenter